TellusPower

Advanced. Reliable.
Ready For The Future.

Split Type Charging Pile
1.2MW, Floor-Mounted

Liquid-Cooled Dispenser

Datasheet

2025

Reliable

Product Reliability **99%**

Cloud Enabled

Monitoring & Assistance **24/7**

Built To Last

Service Life **10Y**

Key Features

- Remote software updates and diagnostics
- Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- Supports multiple payment options — app, RFID, credit card, and smartphone payments
- Three-phase connection
- Supports up to 8 liquid cooled charging terminals
- 3-year warranty with an optional 2-year extension
- Supports multiple output options: CCS2, MCS and CHAdeMO

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MAIN POWER CABINET

INPUT	AC Input Voltage	380/400VAC ±15% || 50/60Hz
	Power Supply System	L1+L2+L3+N+PE, TN/TT
	FLA || Breaker Rating	4 x 520A / 4 x 700A
	Power Factor	> 0.98 @ full load
OUTPUT	Output Voltage Range	200-1000VDC
	Output Current	2800A
	Efficiency	> 94% at nominal output power
	Maximum Charging Terminals Support	8 connectors
COMMUNICATION	Network Connectivity	Ethernet, Wi-Fi, 4G
	Communication to the Backend	OCPP 1.6J/2.0/2.0.1
ENVIRONMENT	Operating Temperature	-13°F to 122°F (-25°C ~ 50°C)
	Altitude	≤ 6561 ft (2000m)
	Humidity	5% ~ 95% no condensation
	Protective Class	IP54
	Cooling System	Forced air cooling
REGULATION	Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
	Certificate	CE
OTHER	User Interface	Emergency Stop
	Dimension (W X D X H)	82.68" x 51.75" x 89.38" (2100mm x 1314mm x 2270mm)
	Weight	3113 lbs (1412 kg)

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DISPENSER SINGLE — LIQUID COOLED

AC INPUT	AC Input Voltage	220/230VAC ±15%, 50/60Hz, Single-phase (L+N+PE)
OUTPUT	Output Voltage Range	150-1000VDC
	Max Output Current	CCS2: 500A
USER INTERFACE	Display	5" LCD Touch Screen and LED Indicator
	Access Control	RFID card, MAC authentication APP (optional) Credit Card Reader (optional)
COMMUNICATION	Network Connectivity	Ethernet, Wi-Fi, 4G
	EV Communication	ISO 15118, DIN 70121
	Platform Communication	Tellus Power protocol (default)
PROTECTION	Output Protection	Short circuit protection Insulation protection Over temperature protection
ENVIRONMENT	Operating Temperature	-13°F to 122°F (-25°C ~ 50°C)
	Storage Temperature	-30°C ~ 70°C
	Altitude	≤ 6561 ft (2000m)
	Humidity	5% ~ 95% no condensation
	Protective Class	IP54, IK10 (not including screen)
	Cooling System	Liquid Cooling
REGULATION	Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
OTHER	Metering	1% accuracy
	Dimension (W X D X H)	18.89" x 14.90" x 75.59" (480mm x 378.5mm x 1920mm)
	Weight	401 lbs (182 kg)
	Connector Cable Length	5m

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DISPENSER DUAL — LIQUID COOLED

AC INPUT	AC Input Voltage	220/230VAC ±15%, 50/60Hz, Single-phase (L+N+PE)
OUTPUT	Output Voltage Range	150-1000VDC
	Max Output Current	CCS2 : 500A
	EV Gun (PCS)	2
USER INTERFACE	Display	7" LCD Touch Screen and LED Indicator
	User Authentication	RFID card, MAC authentication APP (optional) Credit Card Reader (optional)
COMMUNICATION	Network Connectivity	Ethernet, Wi-Fi, 4G
	EV Communication	ISO 15118, DIN 70121
	Platform Communication	Tellus Power protocol (default)
PROTECTION	Output Protection	Short circuit protection Insulation protection Over temperature protection
ENVIRONMENT	Operating Temperature	-13°F to 122°F (-25°C ~ 50°C)
	Storage Temperature	-30°C ~ 70°C
	Altitude	≤ 6561 ft (2000m)
	Humidity	5% ~ 95% no condensation
	Protective Class	IP54
	Cooling System	Liquid Cooling
REGULATION	Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
	Certificate	CE
OTHER	Metering	1% accuracy
	Dimension (W X D X H)	19.57" x 32.28" x 70.87" (497mm x 820mm x 1800mm)
	Weight	335 lbs (152 kg)
	Connector Cable Length	5m

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